



# Environmental Fact Sheet

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## EPA Finalizes Listing of Wastes from The Production of Carbamates and Adds 58 Chemicals to the Off- Specifications Product List

*EPA is aware that the mismanagement of wastes from the production of carbamates has caused contamination of soils and ground water. Listing of these wastes will provide for sound management of these waste streams.*

### Background

As part of EPA regulations to implement the Resource Conservation and Recovery Act (RCRA), EPA has published a list of hazardous wastes that includes hazardous wastes generated from specific sources. This list has been amended several times and is published in 40 CFR 261.32.

In addition to the list of hazardous wastes generated from specific sources, EPA has also published under RCRA a list of unused commercial chemical products or manufacturing chemical intermediates that are hazardous wastes if they are discarded or intended to be

discarded. EPA has periodically amended this list and it is published in 40 CFR 261.33. This list is commonly known as the Off-Specifications Product List.

Under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), EPA has also published a list of hazardous substances and reportable quantities. Under CERCLA, a hazardous substance has a reportable quantity of one pound unless adjusted by regulation. Any unregulated release of more than one pound of the listed substance must be reported. This list is found at 40 CFR 302.4.

## Action Being Taken

EPA is amending the list of hazardous wastes generated from specific sources to include six additional wastes.

These six new wastes are:

- K156 - Organic Waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes;
- K157 - Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes;
- K158 - Bag house dust, and filter/separation solids from the production of carbamates and carbamoyl oximes;
- K159 - Organics from the treatment of thiocarbamate wastes
- K160 - Solids (including filter wastes, separation solids, and spent catalysts) from the production of thiocarbamates and solids from the treatment of thiocarbamate wastes;
- K161 - Purification solids (including filtration, evaporation, and centrifugation solids), bag house dust, and floor sweepings from the production of dithiocarbamate acids and their salts (does not include K125 and K126).

In addition, EPA is adding 58 specific materials to the list of commercial chemical products or manufacturing chemical intermediates that are hazardous wastes if discarded or intended to be discarded.

Lastly, in order to coordinate the RCRA and CERCLA rulemakings with respect to new waste listings, this rulemaking adds the EPA Hazardous Waste Numbers K156 through K161 and the 58 specific toxic and acutely toxic products mentioned above to the CERCLA list of hazardous substances and establishes CERCLA reportable quantities for these materials.

By adding generic and specific carbamate chemicals to RCRA and CERCLA regulation, EPA is moving to eliminate current gaps between these regulations for hazardous substances. EPA is taking this action in an effort to speed first responder recognition of the environmental hazards posed by spills of carbamate products.

## For More Information

For more information, or to order a copy of the *Federal Register* notice, please call the RCRA Hotline Monday through Friday, 8:30 a.m. to 7:30 p.m., EST. The national toll-free number is (800) 424-9346; for the hearing impaired, it is (TDD) (800) 553-7672. In Arlington, VA, the number is (703) 920-9810 or (TDD) (703) 486-3323. Write to the RCRA Information Center (5305), US EPA, 401 M Street, SW, Washington, DC 20460.